

Directional Coupler

ADC-ED12367/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.3	1.02	12.34	13.13	13.84	15.38	19.08
0.4	0.96	12.30	13.05	15.21	17.21	20.83
0.5	0.93	12.29	13.00	16.13	18.78	21.66
0.6	0.90	12.28	12.98	16.54	19.73	22.61
0.7	0.88	12.27	12.96	16.98	20.83	23.13
0.8	0.86	12.26	12.96	17.45	21.23	23.13
0.9	0.84	12.25	12.96	17.69	22.12	23.69
1.0	0.83	12.25	12.96	17.95	22.61	24.29
2.0	0.72	12.19	12.98	19.08	26.44	25.66
3.0	0.67	12.16	12.97	20.08	28.30	27.32
4.0	0.64	12.14	12.97	20.44	30.71	27.32
5.0	0.62	12.13	12.95	20.44	32.26	28.30
30.0	0.61	12.14	12.89	21.23	40.09	28.30
45.0	0.63	12.16	12.86	21.23	36.61	27.32
50.0	0.64	12.16	12.85	21.23	36.61	27.32
124.0	0.68	12.24	12.69	22.12	32.26	22.12
198.0	0.72	12.30	12.57	22.61	29.42	18.78
272.0	0.75	12.36	12.45	23.13	26.44	16.54
346.0	0.78	12.43	12.36	23.69	24.29	14.88
420.0	0.81	12.49	12.28	23.69	23.13	13.58
480.0	0.84	12.53	12.22	23.69	22.12	12.74
540.0	0.86	12.55	12.14	23.69	21.66	12.01
600.0	0.89	12.57	12.02	23.69	21.66	11.46
675.0	0.94	12.60	11.87	24.29	21.23	10.80
750.0	1.00	12.63	11.72	24.94	21.23	10.30
800.0	1.05	12.65	11.57	26.44	20.83	10.10
850.0	1.11	12.68	11.43	27.32	20.83	9.84
900.0	1.17	12.68	11.23	28.30	20.08	9.66
950.0	1.24	12.71	11.04	29.42	19.73	9.48
1045.0	1.39	12.71	10.60	27.32	18.49	9.26
1140.0	1.55	12.69	10.16	24.29	16.98	9.10
1226.0	1.73	12.67	9.76	21.66	15.75	9.00
1312.0	1.95	12.65	9.47	19.73	14.56	8.85
1398.0	2.20	12.66	9.32	18.22	13.71	8.75
1484.0	2.48	12.67	9.35	16.75	13.08	8.61
1570.0	2.77	12.65	9.69	15.56	12.63	8.39
1656.0	3.08	12.65	10.36	14.56	12.21	8.13
1742.0	3.45	12.69	11.50	13.32	11.82	7.78
1828.0	3.92	12.79	13.45	12.31	11.54	7.43
1914.0	4.56	13.08	16.67	11.46	11.29	7.04
2000.0	5.52	13.73	17.63	10.37	11.37	6.70